

Project requests from Rep. Wilson:

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Advanced Aerospace GRAFOAM® Heat Exchangers

Ohio Aerospace Institute

Ohio University

Cutler Hall

Athens, OH 45701

750,000

The applicant believes this is a valuable use of taxpayers' money as it will improve our national security. The carbon foam based heat exchangers developed during this project are a light-weight alternative that will help numerous military weapons systems with heat management issues resulting from increased usage of heat-producing electronics. The applicant also believes this is a valuable use of the taxpayers' money , because the team will be instrumental in conducting research that will ultimately lead to the creation of a highly trained and skilled work force.

Distributed Power from Wastewater

Ohio University

Cutler Hall

Athens County, OH 45701

\$1,500,000

The applicant believes this is a valuable use of taxpayers' money as it will provide environmental and national security benefits by creating technology that will make military base camps more self-sufficient and more energy efficient. The new technology could reduce ammonia emissions by up to 37% and reduce CO2 emissions by at least 1%. In addition, by using human waste as fuel, base camps have to transport less fuel which not only makes them more mobile, it would reduce our reliance on imported sources of energy. The applicant also believes this is a valuable use of the taxpayers' money because this project will significantly boost an economically distressed region of Ohio as new manufacturing plants that will produce this technology are projected to provide at least 100 jobs within the next four years.